



MAIL STOP PETITION *F112*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: S. Yanagi
Application No.: 10/088,781
Filed: July 25, 2002
Title: PARTICULATE MATTER VIBRO-FLUIDIZING APPARATUS

Attorney Docket No.: NAII118875
Group Art Unit: 3725
Examiner: M. Rosenbaum

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101
November 10, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. Copies of the listed publications are enclosed for the Examiner's use.
2. Concise explanations of the relevance of documents Cite Nos. F1 - F4 (which are not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about their content, follow:

F1 and F2 relate to a vibro-mixing apparatus for material. Balls 17, 20 in the publications move together with the material inside the chamber. The publications fail to disclose circulation in the particulate matter layer by applying vibrations thereto where the particulate matter repeatedly appears at the surface of the particulate matter layer from the bottom of the container.

F3 relates to a crushing apparatus. This publication does not disclose amplifying means of amended claim 22.

F4 relates to a mixing apparatus for particles. This publication does not disclose amplifying means of amended claim 22.

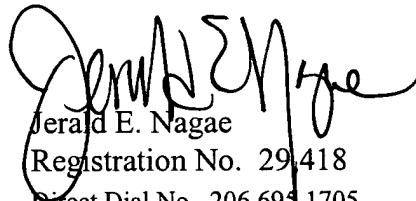
3. Pursuant to 37 C.F.R. § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of a final action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution, and is accompanied by the submission fee set forth in 37 C.F.R. § 1.17(p). Check No. 159338 includes the amount due of \$180.00.

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4. X The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this document is enclosed.

Respectfully submitted,

CHRISTENSEN O'CONNOR
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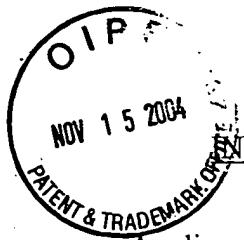
I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop ~~Petition~~, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date: November 10, 2004



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INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

| *Examiner | Cite | Kind | Date | |
|-----------|------|--------------|------|-------------------|
| Initials | No. | Document No. | Code | (mm/dd/yyyy) Name |
| None | | | | |

FOREIGN PATENT DOCUMENTS

| *Examiner | Cite | Kind | Publication Date | English |
|-----------|------|--------------|------------------|----------------------|
| Initial | No. | Document No. | Code | Abstract Translation |
| | | | | Provided Provided |
| | F1 | S55-76033 | | Japan |
| | F2 | S55-171334 | | Japan |
| | F3 | S62-39839 | | Japan |
| | F4 | H04-45535 | | Japan |

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

| *Examiner | Cite |
|-----------|------|
| Initial | No. |
| None | |

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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